INTERNATIONAL SEARCH REPORT

PCT/GB2004/003273

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N5/00 C12N5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/02592 A (CELLTECH LTD ; FIELD RAYMOND PAUL (GB)) 3 February 1994 (1994-02-03) cited in the application See in particular, examples 2 and 5.	1-50
X	KOVAR J AND FRANEK F: "Iron compounds at high concentrations enable hybridoma growth in a protein-free medium" BIOTECHNOLOGY LETTERS, vol. 9, no. 4, 1987, pages 259-264, XP009037179 cited in the application Table 2, page 264, in particular	1-50

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
29 September 2004	03/11/2004

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Rojo Romeo, E

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 316 938 A (RAPSON NICHOLAS T ET AL) 31 May 1994 (1994-05-31) cited in the application column 5, l. 29 and 52-60; claim 1.	1-50
Y	WO 92/05246 A (SMITHKLINE BEECHAM CORP) 2 April 1992 (1992-04-02) cited in the application see claim 1, p. 3 l. 20-25, p. 4 l. 25-29.	1-50
Y	WO 93/00423 A (NOVONORDISK AS) 7 January 1993 (1993-01-07) cited in the application example 5	1-50
Y	NEUMANNOVA V ET AL: "GROWTH OF HUMAN TUMOR CELL LINES IN TRANSFERRIN-FREE, LOW-IRON MEDIUM" IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY. ANIMAL, TISSUE CULTURE ASSOCIATION, COLUMBIA, MD, US, vol. 31, no. 8, September 1995 (1995-09), pages 625-632, XP001118629 ISSN: 1071-2690 cited in the application page 630, l.h. column, last paragraph.	1-50
Y	KEEN M J: "The culture of rat myeloma and rat hybridoma cells in a protein-free medium" CYTOTECHNOLOGY, vol. 17, no. 3, 1995, pages 193-202, XP009037173 ISSN: 0920-9069 cited in the application Table 1 and discussion in particular	1-50
T	DEMPSEY JONATHAN ET AL: "Improved fermentation processes for NSO cell lines expressing human antibodies and glutamine synthetase." BIOTECHNOLOGY PROGRESS, vol. 19, no. 1, January 2003 (2003-01), pages 175-178, XP002298041 ISSN: 8756-7938 the whole document	

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Information on patent family members

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